

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102621\
 Data File : VD070846.D
 Acq On : 26 Oct 2021 18:00
 Operator : VA/SY
 Sample : M4348-03
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 358

Quant Time: Oct 27 06:23:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	67530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	111550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	125675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	57372	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	53477	78.737	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	157.480%
35) Dibromofluoromethane	7.914	113	45316	61.612	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.220%
50) Toluene-d8	10.332	98	144657	52.278	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.560%
62) 4-Bromofluorobenzene	12.620	95	52072	57.035	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.060%

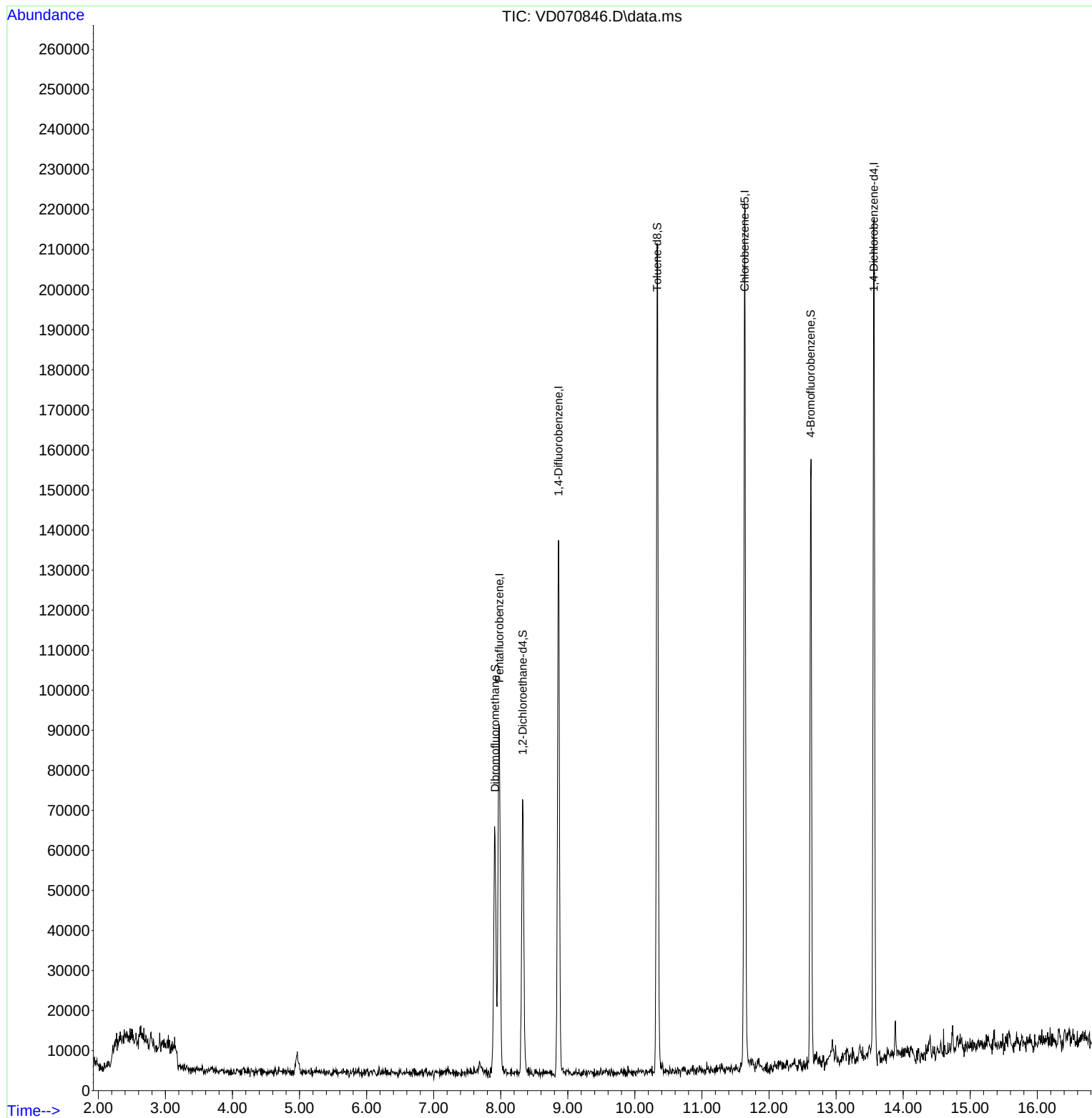
Target Compounds	Qvalue

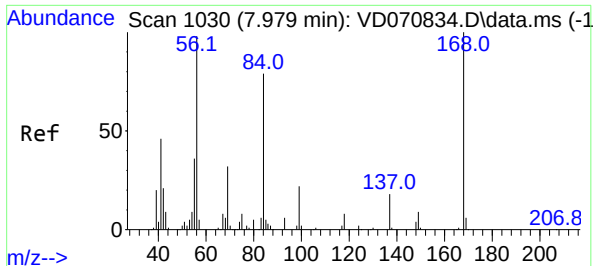
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD070846.D

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Instrument :

MSVOA_D

ClientSampleId :

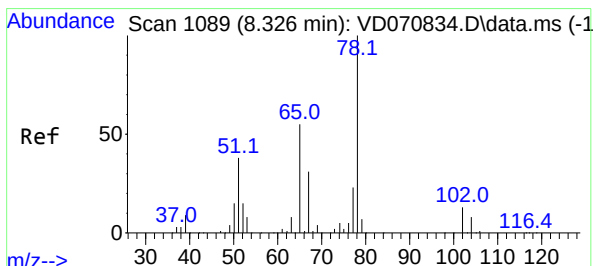
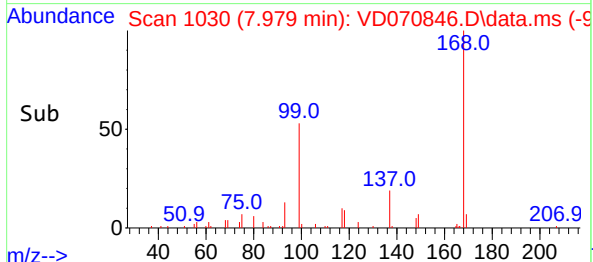
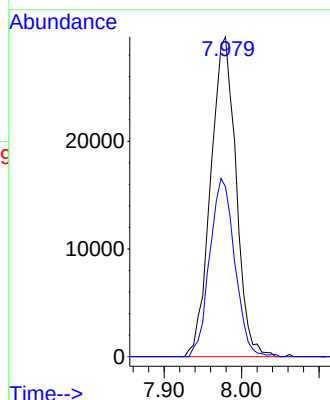
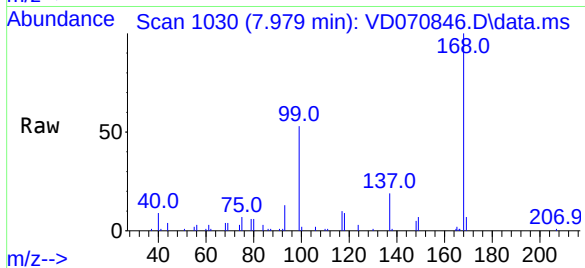
358

Tgt Ion:168 Resp: 67530

Ion Ratio Lower Upper

168 100

99 53.1 46.6 69.8



1,2-Dichloroethane-d4

Concen: 78.737 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD070846.D

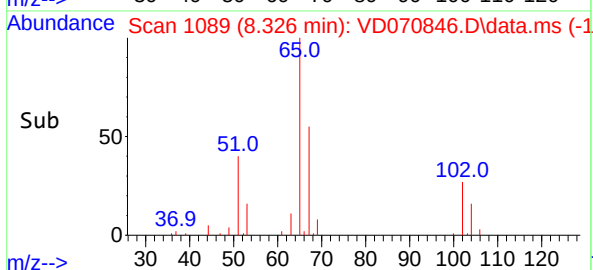
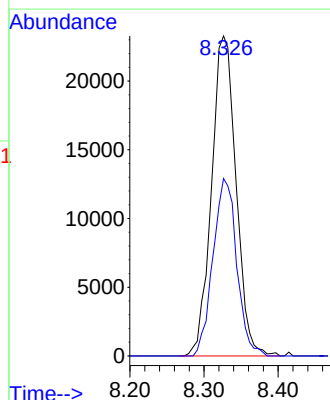
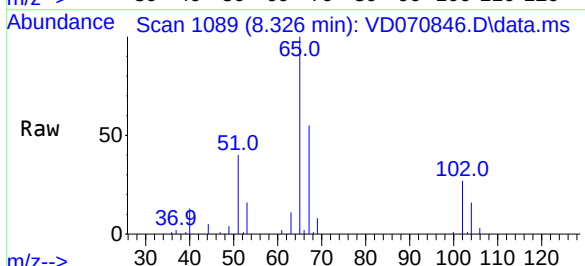
Acq: 26 Oct 2021 18:00

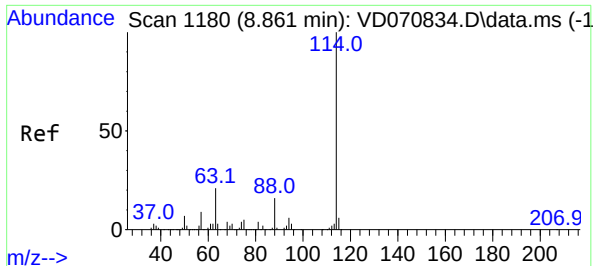
Tgt Ion: 65 Resp: 53477

Ion Ratio Lower Upper

65 100

67 53.7 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VD070846.D

Acq: 26 Oct 2021 18:00

Instrument :

MSVOA_D

ClientSampleId :

358

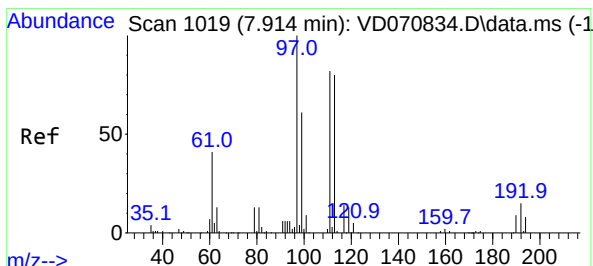
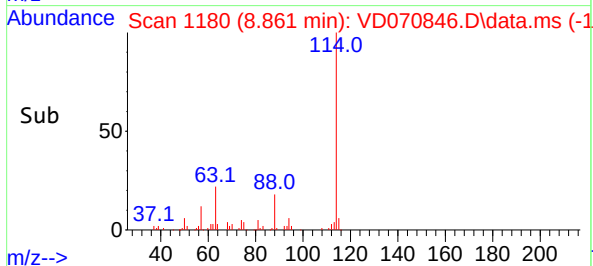
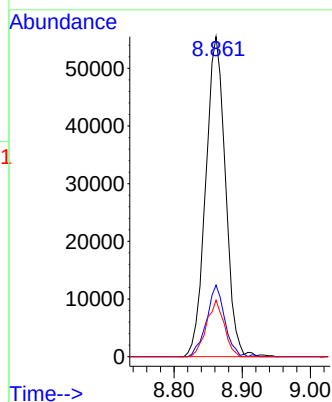
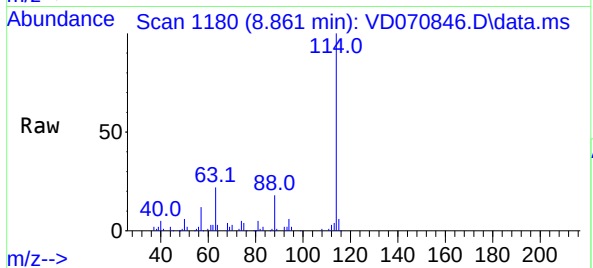
Tgt Ion:114 Resp: 111550

Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

88 17.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 61.612 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070846.D

Acq: 26 Oct 2021 18:00

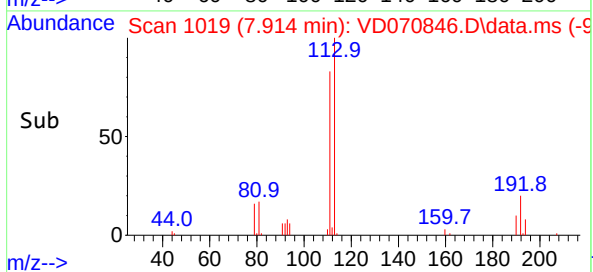
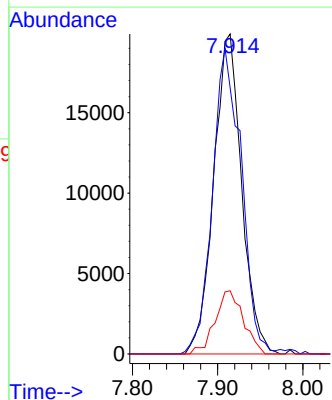
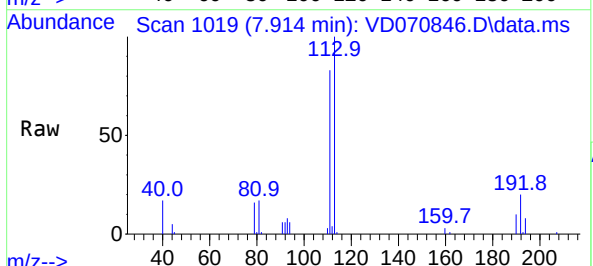
Tgt Ion:113 Resp: 45316

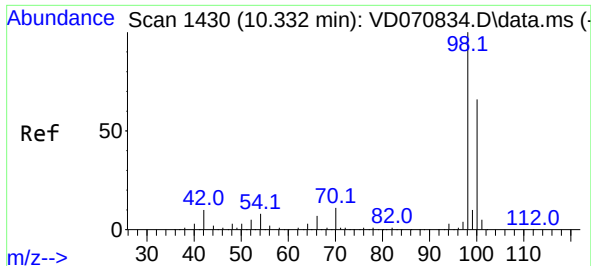
Ion Ratio Lower Upper

113 100

111 98.6 82.0 123.0

192 20.0 15.2 22.8

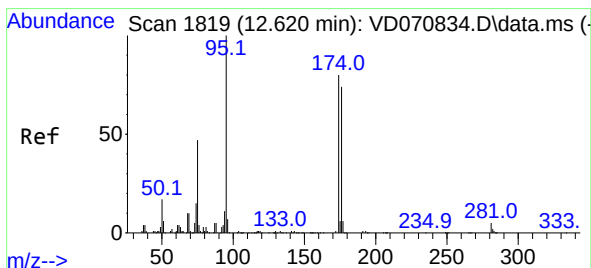
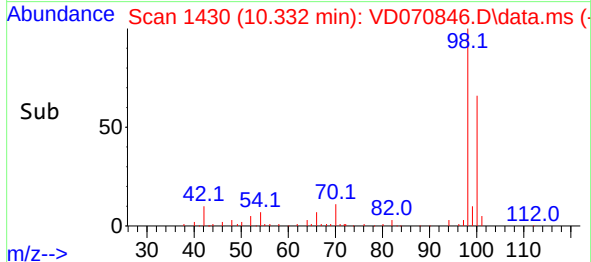
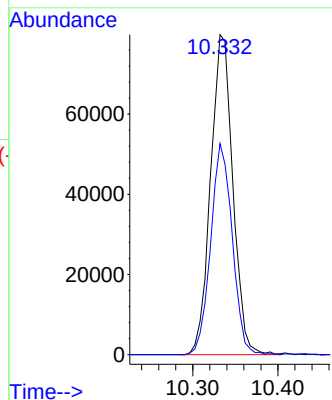
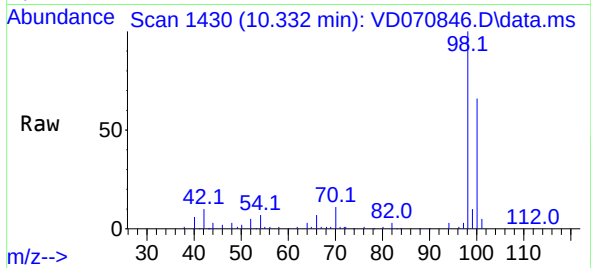




#50
Toluene-d8
Concen: 52.278 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070846.D
Acq: 26 Oct 2021 18:00

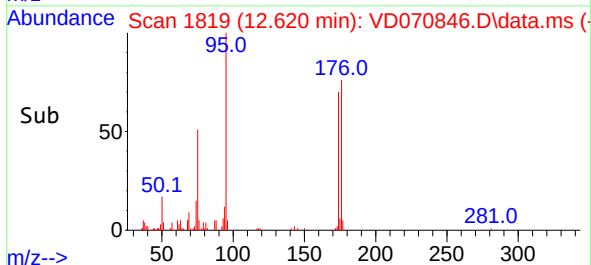
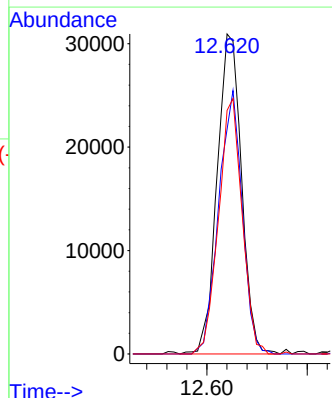
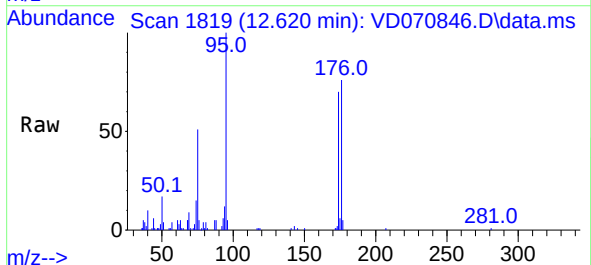
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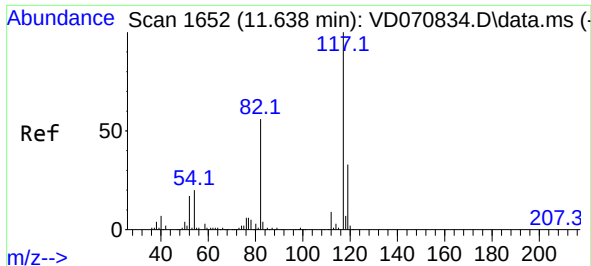
Tgt Ion: 98 Resp: 144657
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 57.035 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070846.D
Acq: 26 Oct 2021 18:00

Tgt Ion: 95 Resp: 52072
Ion Ratio Lower Upper
95 100
174 79.6 0.0 159.4
176 77.2 0.0 154.0

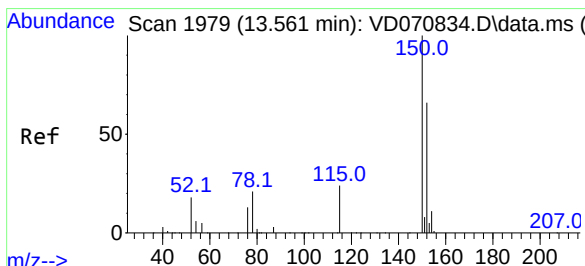
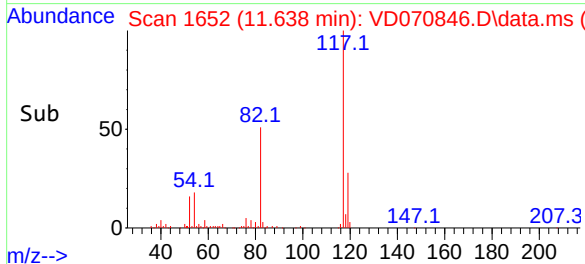
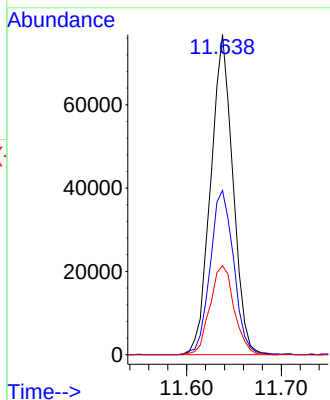
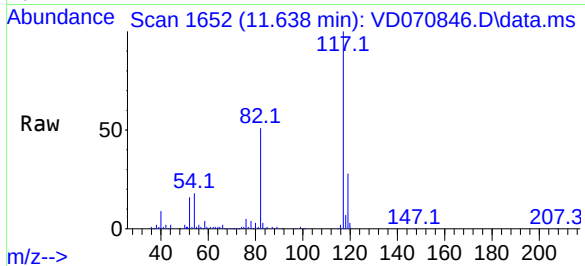




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD070846.D
Acq: 26 Oct 2021 18:00

Instrument :
MSVOA_D
ClientSampleId :
358

Tgt Ion:117 Resp: 125675
Ion Ratio Lower Upper
117 100
82 51.3 44.7 67.1
119 27.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070846.D
Acq: 26 Oct 2021 18:00

Tgt Ion:152 Resp: 57372
Ion Ratio Lower Upper
152 100
115 56.6 29.8 89.3
150 153.0 0.0 349.2

